

Hurricanes

larger - 100s of miles

forms over water

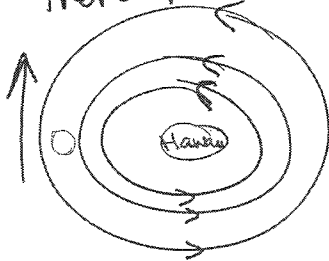
collision of hot air and water

- no escape if you are in the path!

160mi/hr winds

eye/centre - calm

then reverses - why?



Tornadoes

funnel, damage only

where touches down

finger of god
Devil's Tail

billion watts (2 nuclear reactors)

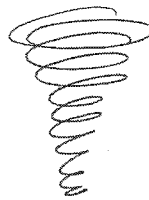
300mi/hr winds → 100ft/s

blade of grass thru fence post

up to a mile wide

forms over land

- escape by going @ 90°
- path 42 miles in length
- can pick up trucks



tornado in bottle

both are low pressure zones